

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/538,130A

Source: IFWP

Date Processed by STIC: 10/30/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 10/30/2006

PATENT APPLICATION: US/10/538,130A

TIME: 12:12:48

Input Set : A:\05500-00148-US Sequence Listing.txt

Output Set: N:\CRF4\10272006\J538130A.raw

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/538,130A

DATE: 10/30/2006

TIME: 12:12:48

Input Set : A:\05500-00148-US Sequence Listing.txt

Output Set: N:\CRF4\10272006\J538130A.raw

80 <210> SEQ ID NO: 2
 81 <211> LENGTH: 1763
 82 <212> TYPE: DNA
 83 <213> ORGANISM: Glycine max
 85 <400> SEQUENCE: 2

86 gacaatggaa	tccaattttt	ccataatttt	cgtatccgta	atagtgtgaa	aagaaaagcct	60
88 aactccaaga	agttgtttaa	gaatagtggc	gtttagtttc	ttgaccctt	gccttaggat	120
90 tagtcagttc	tatttctcg	tggaggcaag	ggatataact	cagcggtaga	gtgtcacctt	180
92 gacgtggtgg	aagttatcg	ttcgagcctg	attatcccta	aacccaatgt	aagttttct	240
94 atttgtatgc	cgtgatcgaa	taataattga	gaatggataa	gaggcgtcg	ggattacacg	300
96 aggggtgggg	gggctatatt	tctgggagcg	aactccagtc	gaatatgaag	cgcctggata	360
98 caagttatgc	cttggaatgg	aagagaattc	cgaatcagct	ttgtctacga	acaaggaagc	420
100 tataagtaat	gcaacttagga	atctcatgga	gagttcgatc	ctggctcagg	atgaacgctg	480
102 gcggcatgcc	ttacacatgc	aagtccgacg	ggaagtggtg	tttccagtgg	cggacgggtg	540
104 agtaacgcgt	aagaacctac	ccttgggagg	ggaacaacag	ctggaaacgg	ctgctaatac	600
106 cccgttaggt	gaggagcaaa	aggaggaatc	cggccgagga	ggggctcg	tctgattagc	660
108 tagttggtga	ggcaatagct	taccaaggcg	atgatcgt	gctggccga	gaggatgatc	720
110 agccacactg	ggactgagac	acggcccaga	ctccctacgg	aggcagcagt	gggaaatttt	780
112 ccgcaatggg	cgaaacgc	acggagcaat	gccgcgtaa	gtttagaaggc	ctacgggtca	840
114 tgaacttctt	ttcccccggaga	agaagcaatg	acggtatccg	gggaataaagc	atccggctaac	900
116 tctgtgccag	cagccgcgtt	aagacagagg	atgcaagcgt	tatccggat	gattgggcgt	960
118 aaagcgtctg	tagttggctt	ttaagttcg	ccgtcaaaatc	ccagggtctca	accctggaca	1020
120 ggcgggtggaa	actaccaagc	tggagtaacgg	tagggcaga	gggaatttcc	gttggagcgg	1080
122 tgaatgcgt	agagatcgga	aagaacacca	acggcgaaag	cactctgt	ggccgacact	1140
124 gacactgaga	gacgaaagct	aggggagcga	atgggattag	atacccagt	agtcttagcc	1200
128 gtaaacgatg	gatactaggc	gctgtgcgt	tcgaccctgt	caatgctgt	gctaacgcgt	1260
130 taagttatccc	gcctggggag	tacgttcgca	agaatgaaac	tcaaaggaaat	tgacggggc	1320
132 cccacacaagc	ggtggagcat	gtggtttaat	tcgatgcaaa	gcgaagaacc	ttaccagggc	1380
134 ttgacatgcc	gcgaatccctc	ttgaaagaga	gggggtgcctt	cgggaacgcg	gacacagggt	1440
136 gtgcgtggct	gtcgtcagct	cgtgcgtaa	ggtgttgggt	taagtccgc	aacgagcgc	1500
138 accctcgtgt	ttagttgcca	acatttagtt	ttgaaaccctg	agcagactgc	cggtgataag	1560
140 cccggaggaag	gtgaggatga	cgtcaagtca	tcatgcccct	tatgccctgg	gcgacacacg	1620
142 tgctacaatg	gacgggacaa	aggatcgcga	tcccgcgagg	gtgagctaac	tccaaaaacc	1680
144 cgtcctcagt	tcggattgt	ggctgcaact	cgcctgcatt	aagccgaaat	cgctagtaat	1740
146 cgcgggtcag	ccatacggcg	gtg				1763
149 <210>	SEQ ID NO: 3					
150 <211>	LENGTH: 30					
151 <212>	TYPE: DNA					
152 <213>	ORGANISM: Artificial Sequence					
154 <220>	FEATURE:					
155 <223>	OTHER INFORMATION: Synthetic sequence OSSD3					
157 <400>	SEQUENCE: 3					
158 ctaggagctc	caccggcgta	tggctgaccg				30
161 <210>	SEQ ID NO: 4					
162 <211>	LENGTH: 63					
163 <212>	TYPE: DNA					
164 <213>	ORGANISM: Artificial Sequence					
166 <220>	FEATURE:					
167 <223>	OTHER INFORMATION: Synthetic sequence OSSD5					

RAW SEQUENCE LISTING DATE: 10/30/2006
 PATENT APPLICATION: US/10/538,130A TIME: 12:12:48

Input Set : A:\05500-00148-US Sequence Listing.txt
 Output Set: N:\CRF4\10272006\J538130A.raw

```

169 <400> SEQUENCE: 4
170 gtcgaccatg gactagtcca ccgcgggtgg cttagactcga ggacaatgga atccaaat 60
172 tcc 63
175 <210> SEQ ID NO: 5
176 <211> LENGTH: 50
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Synthetic sequence OSSG3
183 <400> SEQUENCE: 5
184 ctctccatgg gttaacaagg ttaactgctc tatcgaaat aggattgacc 50
187 <210> SEQ ID NO: 6
188 <211> LENGTH: 39
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Synthetic sequence OSSG5
195 <400> SEQUENCE: 6
196 ctatggtagc cgatccaatc acgatcttct aataagaac 39
199 <210> SEQ ID NO: 7
200 <211> LENGTH: 40
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Synthetic sequence OSSG310
207 <400> SEQUENCE: 7
208 gaaccttcctt gcttctctca tgttacaatc ctcttgccgc 40
211 <210> SEQ ID NO: 8
212 <211> LENGTH: 43
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic sequence OAAX3
220 <400> SEQUENCE: 8
221 ctcagtagtc gagttatttg ccgactacct tggatctc gcc 43
224 <210> SEQ ID NO: 9
225 <211> LENGTH: 34
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Synthetic sequence OAANS
232 <400> SEQUENCE: 9
233 gaagcttcca tggcagaagg ggtgatcgcc gaag 34
236 <210> SEQ ID NO: 10
237 <211> LENGTH: 1327
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Synthetic sequence AADA312

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/538,130A

DATE: 10/30/2006

TIME: 12:12:48

Input Set : A:\05500-00148-US Sequence Listing.txt

Output Set: N:\CRF4\10272006\J538130A.raw

RAW SEQUENCE LISTING

DATE: 10/30/2006

PATENT APPLICATION: US/10/538,130A

TIME: 12:12:48

Input Set : A:\05500-00148-US Sequence Listing.txt

Output Set: N:\CRF4\10272006\J538130A.raw

338	attatagaaa aagaaggaga ggttatttc ttgcattat tcatgattga gtattctatt	1140
340	ttgattttgt atttgttaa aattgtagaa atagaacttg tttctctct tgctaatgtt	1200
342	actatatctt ttgtatttt ttttccaaa aaaaaatca aattttgact tcttcttatac	1260
344	tcttatctt gaatatctct tatcttgaa ataataat cattgaaata agaaagaaga	1320
346	gctatattcg	1330
350	<210> SEQ ID NO: 12	
351	<211> LENGTH: 1746	
352	<212> TYPE: DNA	
353	<213> ORGANISM: Artificial sequence	
355	<220> FEATURE:	
356	<223> OTHER INFORMATION: Synthetic sequence AOA170	
358	<400> SEQUENCE: 12	
359	gctcccccgc cgctgtcaa tgagaatgga taagaggctc gtgggattga cgtgaggggg	60
361	cagggatggc tatattctg ggagcgaact ccggcgaat actgaagcgc ttggatacaa	120
363	tttacccctg gaaggaaaga caattccgaa tctagaataa atttgtta acttaagaa	180
365	ggagatatac ccatggccaa gggcggaggaa ctgtcactg gcgtggtccc aatcttaagc	240
367	tccatggaat ccctgacgtt acaacccatc gcgcgggtcg atggcgcatt taatttacct	300
370	ggctccaaa gtgttcaaa ccgtgtttt ctcctggcg cttagcttg tggtaaaacc	360
372	gctctgacga atctgctgga tagcgatgac gtccgcata tgctcaatgc cctgagcgcg	420
374	ttggggatca attacaccct ttctgcccgt cgcccccgt gtgatatcac ggtaatggc	480
376	ggcgattac gtgcgccagg cgctctggaa ctgttctcg gtaatgcggg aatcgcgatg	540
378	cgttcgtag cgccgacgat atgtctgggg caaaatgaga tagtgttaac cgccgaaaccg	600
380	cgtatgaaag agcgtccgat aggccatctg gtcgattcgc tgctcgagg cgccgcgaaat	660
382	attgattacc tggagcagga aaactatccg cccctgcgtc tgccgcggg tttaccggc	720
384	ggcgacattg aggttgcattgg tagcgtttcc agccagttcc tgaccgcct gctgatgacg	780
386	gcccgcgtgg cccctaaaga cacaattatt cgctttaaag gcaactggg atcaaaaacct	840
388	tacatcgata tcacgctaaa ttaatgaaa acctttggcg tggagatagc gaaccaccac	900
390	taccaacaat ttgtcgtgaa gggaggtcaa cagtatcaact ctccaggctg ctatctggtc	960
392	gagggcgatg cctcgtcagc gtcctattt ctgcgcgtg gggcgataaa aggccgcacg	1020
394	gtaaaagtga ccggaattgg ccgcggaaatg atgcaggcg atattcgatgatgtg	1080
396	ctggagaaaaa tggcgccgac cattacctgg ggcgatgatt ttattgcctg caccgcgcgg	1140
398	gaattgcacg ccatagatat ggatatgaaac catattccgg atgcggcgat gacgattgac	1200
400	accacggcgc tggggcgaa aggaaccacg acgttgcgcgca atatttataa ctggcgagtg	1260
402	aaagaaaccc atcgccgtt cgcgatggcg accgagctac gtaaaagtggg cgctgaagtc	1320
404	gaagaaggcc acgactatat tcgtatcagc ccgcggcgaa agctccaaaca cgccggatatt	1380
406	ggcacgtaca acgaccaccc tatggcgatg tgcttcac tggcgact gtcgcatacg	1440
408	ccagttacga tcctggaccc taaatgtacc gcaaaaacgt tccctgatta ttgcgaccaa	1500
410	ctggcgccaa tgagtacgcc tgcctaattt aaatagacat tagcagataa attagcgagga	1560
412	aataaagaag gataaggaga aagaactcaa gtaattatcc ttctgttct taattgaatt	1620
414	gcaattaaac tcggcccaat ctttactaa aaggattgag ccgaatacaa caaagattct	1680
416	attgcataata tttgactaa gtatataactt acctagatata acaagattt aatacaaaa	1740
418	tctac	1746
421	<210> SEQ ID NO: 13	
422	<211> LENGTH: 1694	
423	<212> TYPE: DNA	
424	<213> ORGANISM: Artificial sequence	
426	<220> FEATURE:	
427	<223> OTHER INFORMATION: Synthetic sequence AROA319	
429	<400> SEQUENCE: 13	

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/538,130A

DATE: 10/30/2006

TIME: 12:12:49

Input Set : A:\05500-00148-US Sequence Listing.txt

Output Set: N:\CRF4\10272006\J538130A.raw